



*Know the Earth...Show the Way*

# DNC Bulletin Improvements

NGA  
DNC

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NEXT



# DNC Bulletin Improvements

The DNC Bulletin has new features to make it faster and easier to use, as well as more versatile. These

include

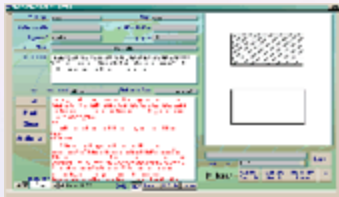
- Search capability from the main page
- Special forms for advanced searches
- Attribution guide (MIL-PRF-89023)
- Help windows

NEXT

# Available Windows

Click item to fast forward  
show

## Bulletin

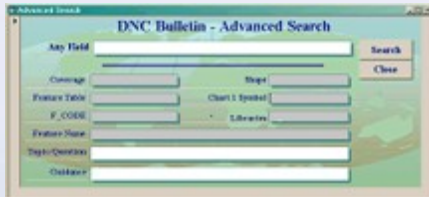


## Attribution



*New*

## Advanced Search



*New*

## Attribution Search



*New*

## Menu Search



*New*

## Switchboard



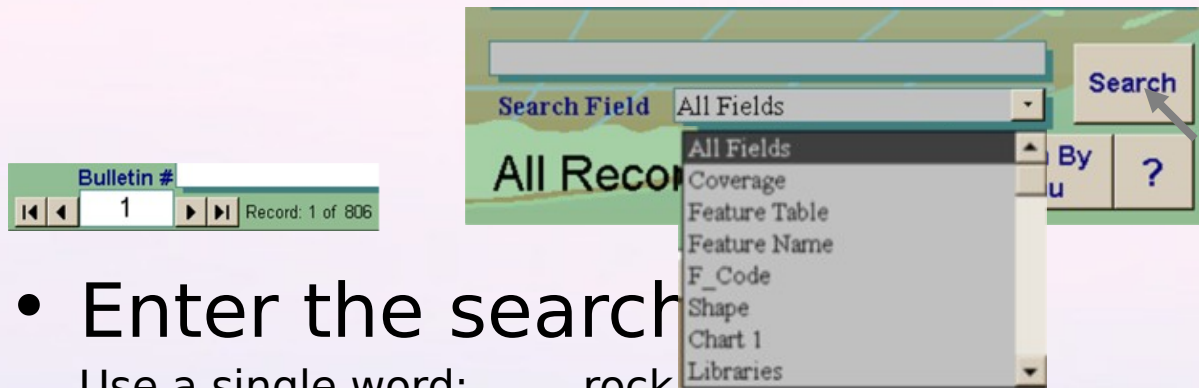
*New*

Click item to fast forward  
show

# Bulletin

- ☐ New search abilities *More Info*
- ☐ Better record navigation *More Info*
- ☐ Access to attribution guide *More Info*

# New Search Abilities



- Enter the search

Use a single word: rock  
a list: rock sounding  
an operator: coastline or shoreline  
a quote: "Tide Gauge"  
or a grouping: (coastline or shoreline) hyd area

- Select a Search Field (Optional)
- Click on Search
- Records are filtered to those matching the search
- Use Get All Records to turn off filtering

# New Search Abilities

Parsed as: "buoy AND mooring"

buoy mooring

Search

Search Field All Fields

Filtered

Get All Records Advanced Search Search By Menu ?

- Other search methods:

**Advanced Search:**

For field by field searches

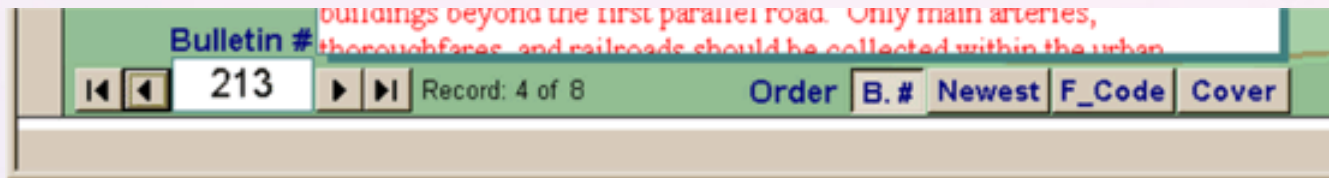
**Search By Menu:**

For clickable lists.

- Click ? for help

More Info  
More Info

# Better Record Navigation



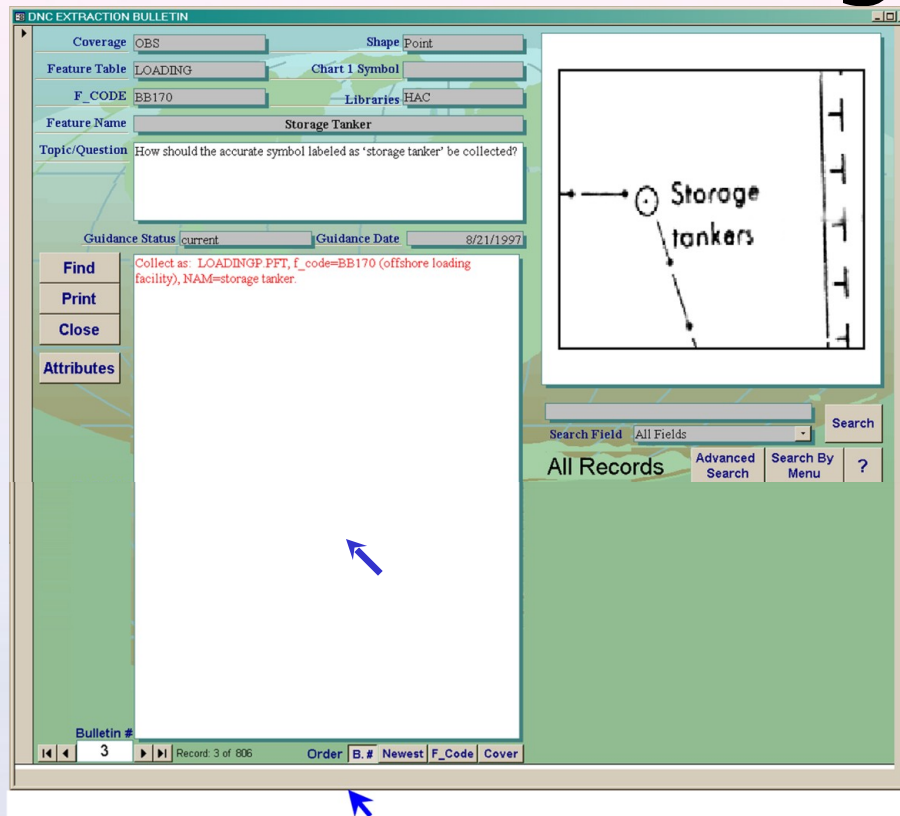
- **Bulletin #:**

Each bulletin has a unique number regardless of sort order or filtering. The number of records matching latest search is displayed to the right. Arrow buttons allow moving to the first, the previous, the next, and the last records.

- **Order:**

Click on a button to change the order of the records. To display the newest guidance updates, click the Newest toggle.

# Better Record Navigation



- To enlarge the text area:

When the full guidance is too large for the display space, click and drag the bottom edge of the window.

# Access to Attribution Guide

(and Legacy Tools)



- **Attributes:**

Click on the Attributes button to display attribute fields and values available for each F\_Code listed for the current Bulletin.

Tables based on Military Specifications (MIL-PRF-89023)

*More Info*

- **Find:**

Button from the previous version is still available to ease transition.

- **Print:**

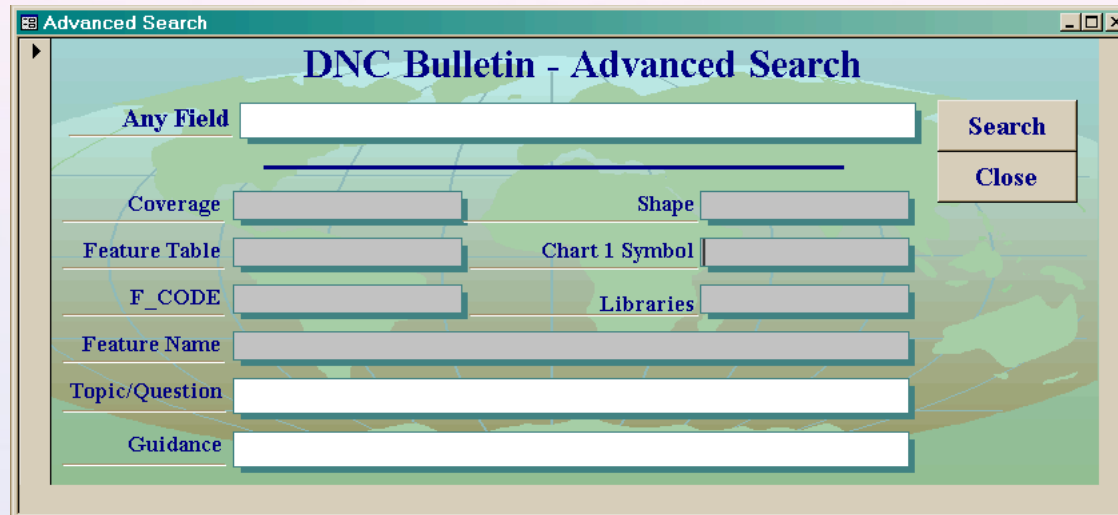
Button is also still available, but now it gives the option of printing the current record or all available records.

**Bulletin**

Click item to fast forward  
show

**Available  
Windows**

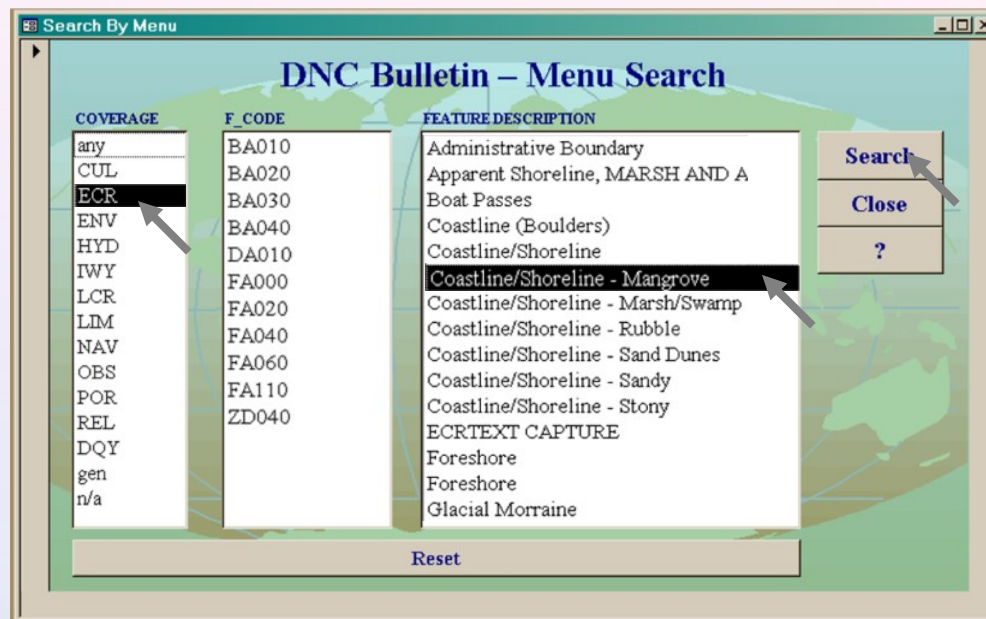
# Advanced Search



The screenshot shows a software window titled "Advanced Search" with a subtitle "DNC Bulletin - Advanced Search". The window contains several text input fields for search criteria: "Any Field", "Coverage", "Feature Table", "F\_CODE", "Feature Name", "Topic/Question", and "Guidance". There are also fields for "Shape", "Chart 1 Symbol", and "Libraries". On the right side of the window, there are two buttons: "Search" and "Close". The background of the window features a faint map of the United States.

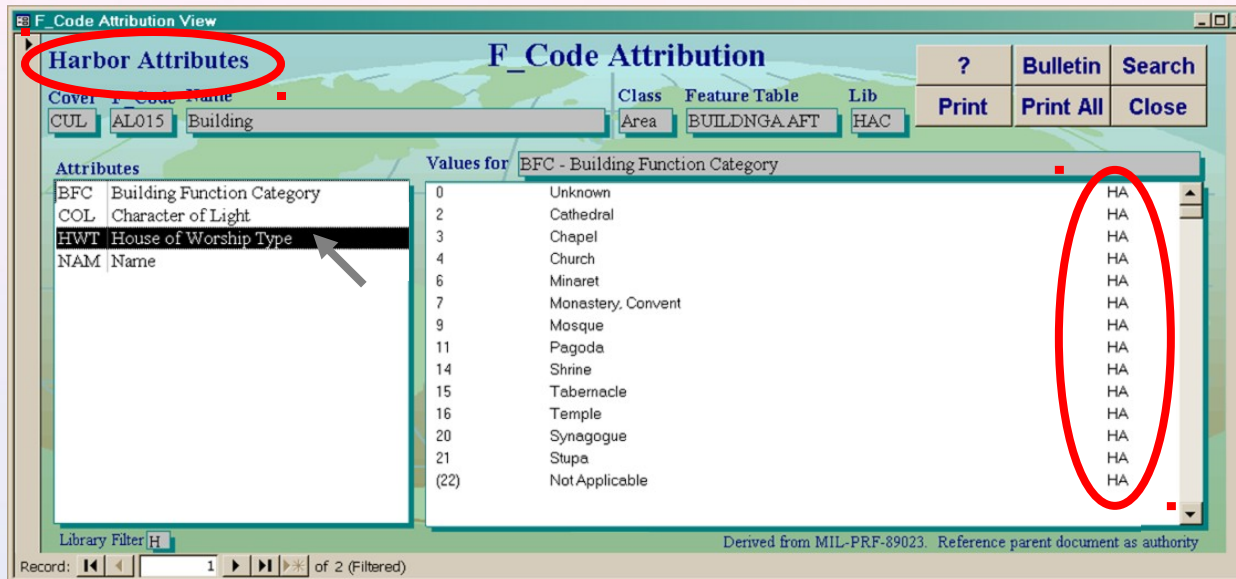
- Fill in each field with search text.
- Click on the Search button.

# Menu Search



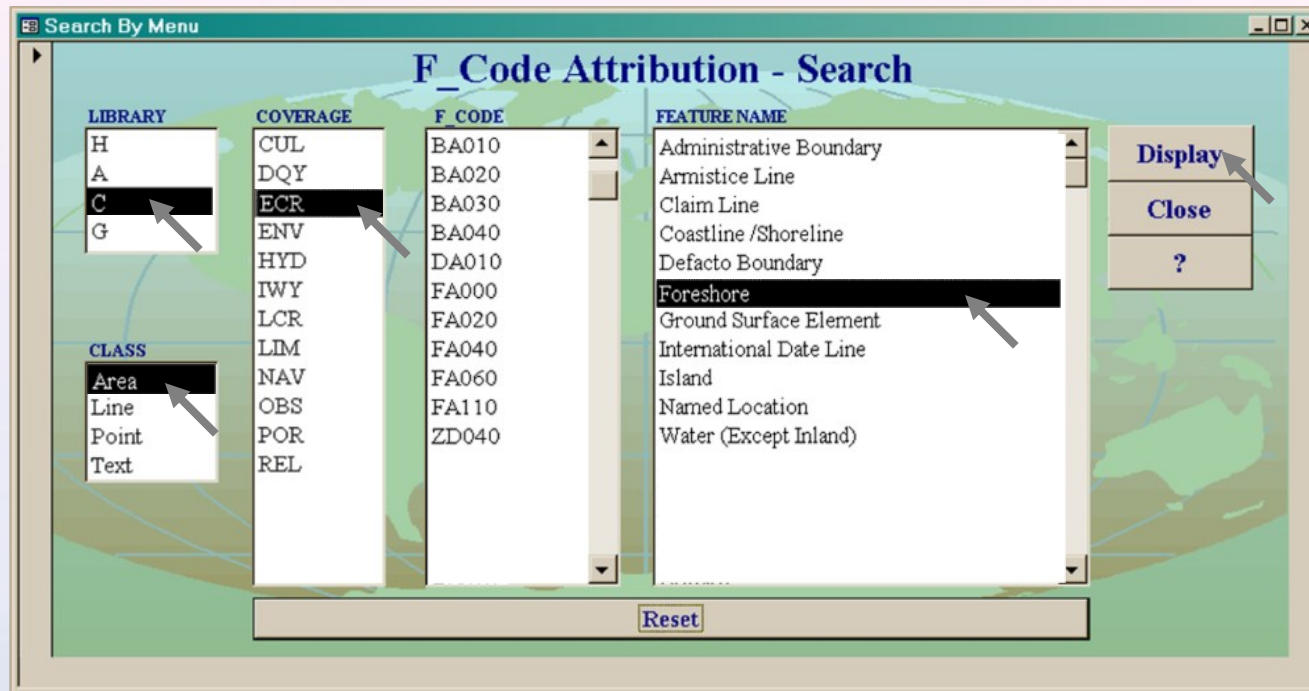
- Click on a coverage, to limit F\_Codes and Feature Descriptions available.
- Then click on an F\_Code or Feature Description
- Click on the Search button.

# Attribution



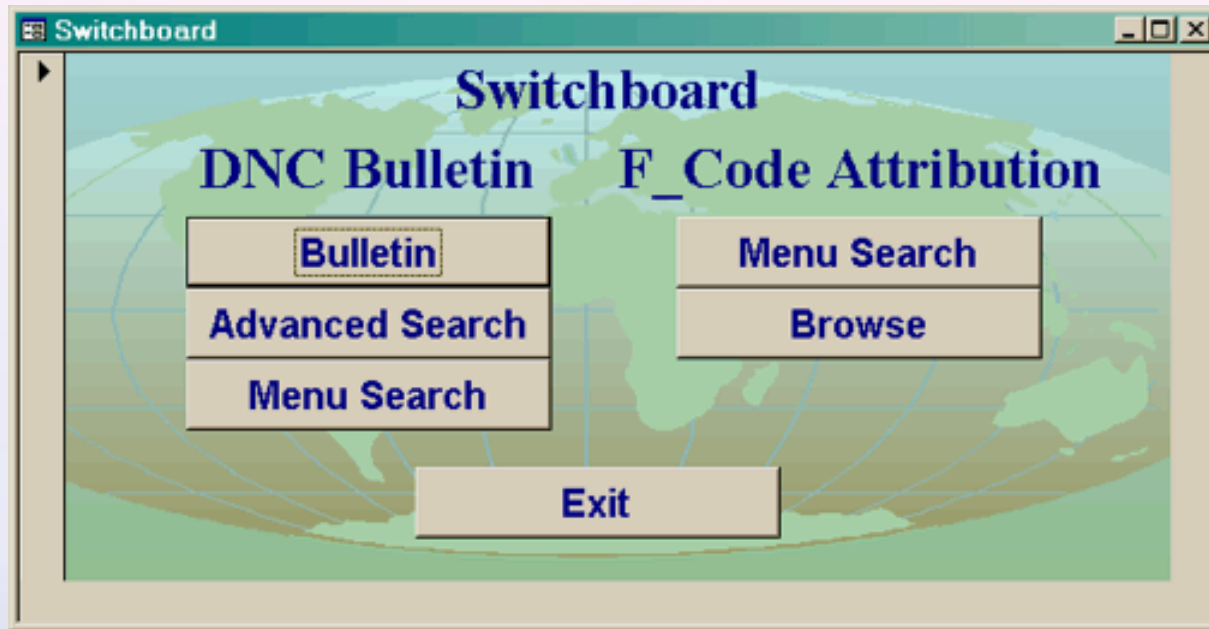
- Based on DNC Military Specifications (MIL-PRF-89023)
- Attributes and Values:  
Click on an item in the attribute list on the left to view its available attributes in the right hand list.
- Libraries:  
Attribute lists are limited to library class listed in upper left corner.  
Library class can be changed in Attribution Search window.

# Attribution Search



- Click on a coverage to limit the F\_Code and Feature Name lists.
- Then an F\_Code or Feature Name.
- Shape class can also be selected to limit results.
- Selecting a library type limits attributes and values available in the Attributes window.
- Click on the Display button to view results.

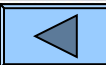
# Switchboard



- To display, close active window.
- Allows access to any window.

# Other Changes

- Smaller size  
From 180MB to 30MB
- Each bulletin has a unique ID
- Bulletins that are not current have large warning flags
- Security measures to prevent accidental corruption
- More uniform data entry style  
ie. "Point", "point", and "P" all changed to "Point"
- Starts in bulletin window



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